

PATENT ABSTRACTS OF JAPAN

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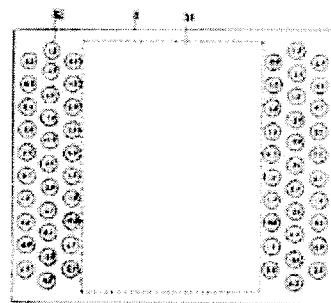
(21)Application number : 02-157768 (71)Applicant : JAPAN STEEL & TUBE CONSTR CO LTD
 (22)Date of filing : 18.06.1990 (72)Inventor : TSUCHIYA KENICHIRO
 HAYATAKI MASASHI

(54) CORROSION DIAGNOSING METHOD FOR INTERNAL SURFACE OF TUBE

(57) Abstract:

PURPOSE: To investigate the corrosion of the tube in a short time without simulation experimentation by stacking a test-piece which have plural standard recesses at the periphery of a part of the tube to be inspected and irradiating it with X rays, forming an X-ray transmission image of the test-piece and the part to be inspected and reading the image by an image sensor.

CONSTITUTION: The test-piece 3 having the standard recesses 32 differing in depth is stacked at the periphery of the inspected part 2 of the tub 1 and irradiated with th X rays to form th X-ray transmission image of th test-piece 3 and inspected part 2 on an X-ray film 5, whose X-ray transmission image is read by the image sensor and inputted to an image processing mans. The density of the standard recesses 32 is calculated by subtracting the density of the periphery of the recess positions of th test-piece 3 in the read image from the density of the recesses and a regression expression of the density of th standard recesses 32 and the depth of th standard recesses 32 is calculated. Then the recess depth of the inspected part 2 is calculated from the regression expression of the density and depth of the standard recesses 32 and a calculated recess depth distribution is displayed. Consequently, even a person who is not an expert can obtain the corrosion distribution in a short time without any simulation experimentation.



⑫ 公開実用新案公報(U) 平4-48205

⑤ Int. Cl.⁵

A 41 C 3/04

識別記号

B

庁内整理番号

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④ 公開 平成4年(1992)4月23日

審査請求 未請求 請求項の数 1 (全2頁)

⑥ 考案の名称 授乳婦乳もれ受けパット

⑦ 実 願 平2-89615

⑧ 出 願 平2(1990)8月28日

⑨ 考 案 者 榎 良 純 東京都千代田区三番町6

⑩ 出 願 人 三洋薬品工業株式会社 東京都台東区東上野1丁目8番6号

⑪ 代 理 人 弁理士 山田 恒光 外1名

⑫ 実用新案登録請求の範囲

外層に超極細繊維から成るメルトブロー不織布を備えたことを特徴とする授乳婦乳もれ受けパット。

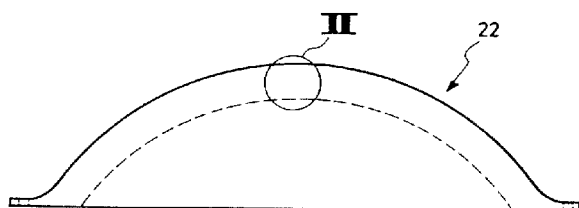
図面の簡単な説明

第1図は本考案の第一の実施例の側面図、第2図は第1図のII部分の断面図、第3図は本考案の

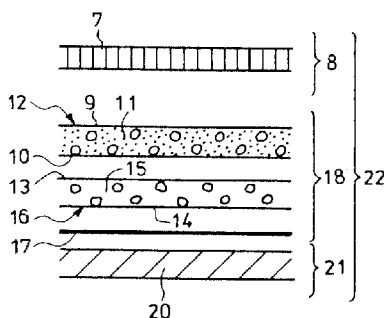
第二の実施例の断面図、第4図は本考案の第三の実施例の断面図、第5図は本考案の第四の実施例の断面図、第6図は本考案の第五の実施例の断面図、第7図は本考案の第六の実施例の断面図、第8図は従来例の側方断面図である。

図中7はメルトブロー不織布、8は外層、22は授乳婦乳もれ受けパットを示す。

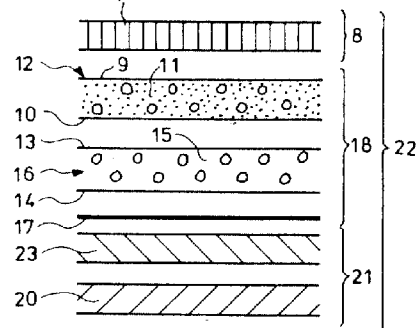
第1図



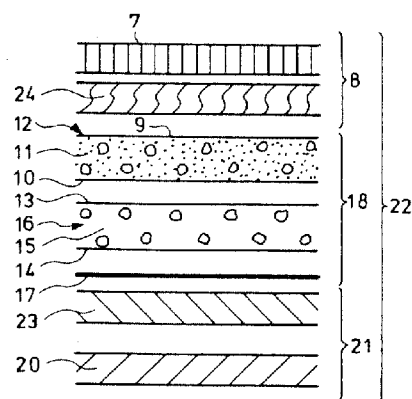
第2図



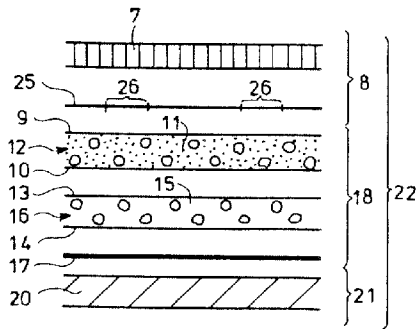
第3図



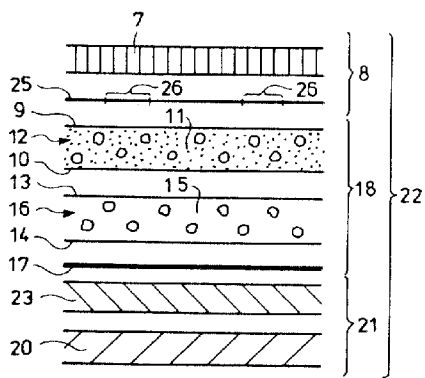
第4図



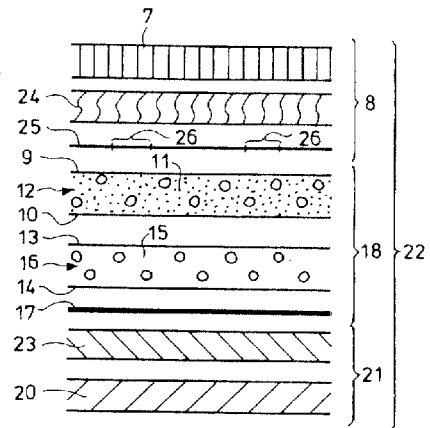
第 5 図



第 6 図



第 7 図



第 8 図

